

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1274	585/639-640.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 16:07
L2	132	1 and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 16:02
L3	151	585/639-640.ccls.	USOCR	OR	ON	2007/12/04 15:54
L5	901	1 and @py<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 16:33
L9	1060	422/145.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 16:47
L10	334	9 and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 16:47
L11	28	10 and (alcohol methanol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:04
L12	645	239/423.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:04
L13	15	239/423.ccls. and reactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:12
L15	9953	C07C001/\$.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:13

## EAST Search History

L16	2355	15 and methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:13
L17	157	16 and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:45
L18	6863	422/240,198,139,220,108.ccls. 585/639.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:46
L19	285	18 and (nozzle injector).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:47
L20	386	18 and (nozzle injector injection). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:47
L21	530	18 and (nozzle injector injection distributor).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 17:47

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S175	1705	(methanol with olefin\$20).ti. (methanol with olefin\$20).ab. (methanol with olefin\$20).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/03 10:41
S176	767	S175 and reactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/03 10:41
S177	240	S176 and (nozzle inject\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/03 11:02
S178	798	585/639.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/03 16:50
S179	2155	C07C001/20.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/03 11:02
S180	605	S179 and reactor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/03 11:02
S183	828	B01J019/26.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 12:11
S184	23	S183 and methanol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:29

## EAST Search History

S18 5	23027	B01J008/\$.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 12:11
S18 6	1519	S185 and ((nozzle).ti. (nozzle).ab. (nozzle).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 14:41
S19 0	35	"585"/\$.ccls. and ((nozzle injector) with jacket\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 17:57
S19 1	63007	((nozzle injector) with (jacket\$5 annular annulus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:04
S19 2	70628	((nozzle injector) with (jacket\$5 annular concentric annulus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:04
S19 3	1876	((nozzle injector) with (jacket\$5 annular concentric annulus)) same reactor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:04
S20 7	91	"585"/\$.ccls. and (methanol with olefin\$30)	USOCR	OR	ON	2007/12/03 17:41
S20 8	591	B01J008/26.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 17:41